



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
Toni Hardesty, Director

September 1, 2005

Certified Mail No. 7005 0390 0003 2967 8496

Marc Brinkmeyer, President
Chilco Lake Lumber Co.
dba Riley Creek – Chilco Sawmill
4447 E. Chilco Road
Athol, ID 83801

RE: Facility ID No. 055-00024, Riley Creek – Chilco Sawmill, Athol
Final Permit to Construct No. P-050116

Dear Mr. Brinkmeyer:

The Idaho Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) Number P-050116 for Riley Creek's – Chilco Sawmill in Athol, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho). This permit is effective immediately.

The performance test conducted March 29, 2005 on the facility's hog fuel boiler satisfies the performance testing requirement of this permit. A subsequent performance test on the hog fuel boiler, pursuant to PTC No. P-050116, is required on or before March 29, 2010.

Riley Creek submitted a PTC processing fee in the amount of \$1,000.00 for it Chilco Sawmill on June 9, 2005. Emissions associated with this permitting action do not increase; therefore, DEQ will refund the processing fee. The processing fee will be sent to Riley Creek at the above address from DEQ's Fiscal Office.

This permit does not release Riley Creek's – Chilco Sawmill from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

A representative of the Coeur d'Alene Regional Office will contact you regarding a meeting with DEQ to discuss the permit terms and requirements. DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Bill Rogers at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,



Martin Bauer, Administrator
Air Quality Division

MB/BR/sd Permit No. P-050116

Enclosures

G:\Air Quality\Stationary Source\SS Ltd\PTC\Chilco Lake Lumber - Riley Creek P-050116\Final\P-050116 Final PL.doc

c: Tom Harman, Coeur d'Alene, Regional Office
 Bill Rogers, Permit Coordinator
 Marilyn Seymore/ Pat Rayne, Air Quality Division
 Laurie Kral, US EPA Region 10
 Dave Sande, Fiscal Office
 Permit Binder
 Source File
 Phyllis Heitman (Ltr Only)
 Reading File (Ltr Only)



**Air Quality
PERMIT TO CONSTRUCT**

**State of Idaho
Department of Environmental Quality**

PERMIT No.: P-050116

FACILITY ID No.: 055-00024

AQCR: 062

CLASS: A

SIC: 2421

ZONE: 11

UTM COORDINATE (km): 519.0, 5301.0

1. PERMITTEE

Chilco Lake Lumber Company, LLC – dba Riley Creek – Chilco Sawmill

2. PROJECT

Permit to Construct Modification – See Permit Scope

3. MAILING ADDRESS

4447 E. Chilco Road

CITY

Athol

STATE

ID

ZIP

83801

4. FACILITY CONTACT

Marc Brinkmeyer

TITLE

President

TELEPHONE

(208) 263-7574

5. RESPONSIBLE OFFICIAL

Marc Brinkmeyer

TITLE

President

TELEPHONE

(208) 263-7574

6. EXACT PLANT LOCATION

SE1/4, Section 7, Township 52 North, Range 3 West

COUNTY

Kootenai

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Sawmill

8. GENERAL CONDITIONS

This permit is issued according to IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require DEQ approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.


TONI HARDESTY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: September 1, 2005

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Acronyms, Units, and Chemical Nomenclature

acfm	actual cubic feet per minute
AQCR	Air Quality Control Region
BDT	Bone Dry Tons
CO	carbon monoxide
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
EFB	Electrified Filter Bed
ft ²	square feet
gr	grain (1 lb = 7,000 grains)
gr/dscf	grains per dry standard cubic foot
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
lb	pound
lb/hr	pound per hour
Mbdft	thousand board feet
MMBtu/hr	million British thermal units per hour
NAAQS	National Ambient Air Quality Standards
NO _x	nitrogen oxides
PM	particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PTC	permit to construct
PSD	Prevention of Significant Deterioration
SIC	Standard Industrial Classification
T/yr	tons per any consecutive 12-month period
UTM	Universal Transverse Mercator
VOC	volatile organic compound

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050116

Permittee:	Chilco Lake Lumber Co., LLC dba Riley Creek – Chilco Sawmill	Facility ID No. 055-00024	Date Issued:	September 1, 2005
Location:	Athol, Idaho			

1. PERMIT TO CONSTRUCT SCOPE***Purpose***

- 1.1 This permit to construct (PTC) is a modification to the facility's existing PTC. Riley Creek proposes the following changes to its Chilco Sawmill:
- Increase the annual CO emissions limit and the annual steam production limit for the hog fuel boiler.
 - Remove all conditions related to the natural gas backup boiler. Riley Creek has decided to not construct this source.
 - Remove all conditions related to the planer shavings baghouse and planer chip bin target box. Riley Creek has vented these two sources into the interior of the planer mill building to maintain building pressure and capture energy for building heat.
 - Add the hog fuel cyclone to the permit as a new source.
- 1.2 This PTC replaces PTC No. P-040100, issued August 20, 2004, the terms and conditions of which shall no longer apply.

Regulated Sources

Table 1.1 lists all sources of regulated emissions in this PTC.

Table 1.1 SUMMARY OF REGULATED SOURCES

Permit Section	Source Description	Emissions Control(s)
3	Hog Fuel Boiler Manufacturer: Kipper & Sons, #1018 Rated Heat Input Capacity: 125 MMBtu/hr Burner Type: Spreader Stoker Rated Steam Capacity: 75,000 lb/hr	Multiclone Electrified Filter Bed (EFB) Fine Dust Collector
3	EFB Baghouse	None
4	Kilns	None
5	Sawdust Bin Target Box	None
5	Sawmill Chip Bin Target Box	None
6	Hog Fuel Cyclone	Filter bags

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2. FACILITY-WIDE CONDITIONS***Fugitive Emissions***

- 2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:
- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
 - Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust.
 - Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
 - Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
 - Paving of roadways and their maintenance in a clean condition, where practical.
 - Prompt removal of earth or other stored material from streets, where practical.
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
- 2.4 The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

Odors

- 2.5 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

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Location:	Athol, Idaho			

- 2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

Visible Emissions

- 2.7 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, NO_x, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.
- 2.8 The permittee shall conduct a monthly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

Excess Emissions

- 2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

Open Burning

- 2.10 The permittee shall comply with the requirements of IDAPA 58.01.01.600-616, *Rules for the Control of Open Burning*,

Performance Testing

- 2.11 If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

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All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

Monitoring and Recordkeeping

- 2.12 The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

Reports and Certifications

- 2.13 Any reporting required by this permit, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, notifications of intent to test, testing reports, or compliance certifications, shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete. Any reporting required by this permit shall be submitted to the following address:

Air Quality Permit Compliance
Department of Environmental Quality
Air Quality Division
2110 Ironwood Parkway
Coeur d'Alene, ID 83814
Phone: (208) 769-1422 Fax: (208) 769-1404

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Planer Shavings Cyclone Baghouse Stack and Planer Chip Target Box Vent

- 2.14 The planer shaving cyclone baghouse stack and the planer chip target box vent shall be routed, configured, or similar to the interior of the planer mill building such that any emissions are not released to the atmosphere.

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3. HOG FUEL BOILER

3.1 Process Description

The hog fuel boiler provides steam to heat the facility's dry kilns and the facility's production buildings. The hog fuel boiler is rated at 75,000 pounds steam per hour, but is limited to 69,360 pounds steam per hour as averaged over any consecutive 24-hour period.

3.2 Emissions Control Description

Emissions resulting from the combustion of hog fuel in the hog fuel boiler are first routed to a high efficiency multiclone. The multiclone is the primary PM emission control device. Ash and partially combusted wood fiber removed by the multiclone are then segregated by a classifier. From the classifier, partially combusted wood fiber is reintroduced back into the boiler firebox, and the ash is removed for disposal. After the multiclone, the uncollected fine dust and smoke particles are collected in an electrified filter bed (EFB) dust collector. The cleaned air stream is vented through the Boiler/EFB stack. When the EFB dust collector is cleaned, the dust-laden air stream is vented to the EFB baghouse. Emissions exiting the EFB baghouse exit to the atmosphere through the EFB baghouse vent.

TABLE 3.1 HOG FUEL BOILER AND EFB DESCRIPTION

Emissions Unit(s) / Process(es)	Emissions Control Device	Emissions Point
Hog fuel boiler	Multiclone in series with EFB	Boiler/EFB stack
EFB dust collector	EFB baghouse	EFB baghouse vent

Emissions Limits

- 3.3 The PM₁₀, and CO emissions from the Boiler/EFB stack, and the PM₁₀ emissions from the EFB baghouse vent, shall not exceed any corresponding emissions rate limits listed in Table 3.2.

**TABLE 3.2 BOILER/EFB STACK AND EFB BAGHOUSE STACK
EMISSIONS LIMITS**

Source Description	PM ₁₀		CO
	lb/hr	T/yr	T/yr
Boiler/EFB stack	6.93	30.4	246.08
EFB baghouse vent	0.23	1.0	

- 3.4 The CO emissions from the Boiler/EFB stack shall not exceed 0.81 lb CO/1,000 lb steam produced.
- 3.5 In accordance with IDAPA 58.01.01.210.12.d, formaldehyde emissions from the Boiler/EFB stack shall not exceed 2.41 T/yr.
- 3.6 In accordance with IDAPA 58.01.01.676, PM emissions from the Boiler/EFB stack shall not exceed 0.08 gr/dscf corrected to 8% oxygen when burning wood products.
- 3.7 The permittee shall comply with the visible emission requirements of Permit Condition 2.7.

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Location:	Athol, Idaho			

Operating Requirements**3.8 Steam Production Limit**

The steam production rate of the hog fuel boiler shall not exceed 69,360 pounds steam per hour averaged over any consecutive 24-hour period.

3.9 Control Equipment Usage

- The EFB and EFB baghouse shall be operated during operation of the hog fuel boiler.
- The permittee shall install, calibrate, maintain, and operate a pressure drop monitoring device to continuously measure the pressure differential across the EFB baghouse.
- The pressure drop across the EFB baghouse shall remain within manufacturer specifications and recommendations. This pressure drop range shall be made available to DEQ representatives upon request.

3.10 Carbon Monoxide Performance Tests

- 3.10.1 Within 60 days of achieving the maximum production rate, but not later than 180 days after issuance of this permit, the permittee shall conduct a performance test to measure CO emissions from the hog fuel boiler to demonstrate compliance with Permit Condition 3.4. The performance test shall be conducted in accordance with Permit Condition 2.11. The results of the performance test shall be expressed in terms of pounds of CO emitted per 1,000 pounds of steam produced (lb CO/1,000 lb steam).
- 3.10.2 Subsequent performance tests shall be conducted according to the following schedule:
- If the CO emissions measured during the performance test are less than or equal to 75% of the CO emissions limit listed in Permit Condition 3.4, a subsequent performance test shall be conducted within five years of the test date.
 - If the CO emissions measured during the performance test are greater than 75%, but less than or equal to 90% of the CO emissions limit listed in Permit Condition 3.4, a subsequent performance test shall be conducted within two years of the test date.
 - If the CO emissions measured during the performance test are greater than 90% of the CO emissions limit listed in Permit Condition 3.4, a subsequent performance test shall be conducted within 12 months of the test date.

Monitoring and Recordkeeping Requirements**3.11 Steam Production Monitoring**

The permittee shall monitor and record the average hourly steam production rate over any consecutive 24-hour period to demonstrate compliance with Permit Condition 3.8. This information shall be maintained in accordance with Permit Condition 2.12.

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Location:	Athol, Idaho			

3.12 Pressure Drop Monitoring

The permittee shall monitor and record the pressure drop across the EFB baghouse once per week while the EFB baghouse is operating. This information shall be maintained in accordance with Permit Condition 2.12.

3.13 Visible Emissions Monitoring

The permittee shall monitor and record visible emissions in accordance with Permit Condition 2.8.

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4. DRY KILNS**4.1 Process Description**

The dry kilns are used to dry green lumber. Lumber is dried by the steam produced by the facility's hog fuel boiler. Vents on the dry kilns are opened and closed during batch drying cycles to control temperature and moisture within the kilns.

4.2 Emissions Control Description

Emissions from the dry kilns are uncontrolled.

TABLE 4.1 DRY KILNS DESCRIPTION

Emissions Unit(s) / Process(es)	Emissions Control Device	Emissions Point
Dry kilns	None	Dry kilns vents

Emissions Limits

- 4.3 Emissions from the dry kilns, inclusive, shall not exceed any corresponding emissions rate limits listed in Table 4.2.

TABLE 4.2 DRY KILNS EMISSIONS LIMITS

Source Description	PM ₁₀	VOC	Formaldehyde
	T/yr	T/yr	T/yr
Dry kilns vents	17.88	175.5	0.65

- 4.4 The permittee shall comply with the visible emission requirements of Permit Condition 2.7.

Operating Requirements**4.5 Dry Kilns Maximum Throughput Limit**

The maximum annual lumber throughput from the dry kilns, inclusive, shall not exceed 325,000 Mbdft per any consecutive 12-month period.

Monitoring and Recordkeeping Requirements**4.6 Dry Kilns Throughput Monitoring**

The permittee shall monitor and record the monthly and annual lumber throughput from the dry kilns to demonstrate compliance with Permit Condition 4.5. Annual throughput shall be determined by summing each monthly throughput over the previous consecutive 12-month period. This information shall be maintained in accordance with Permit Condition 2.12.

4.7 Visible Emissions Monitoring

The permittee shall monitor and record visible emissions in accordance with Permit Condition 2.8.

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5. SAWMILL**5.1 Process Description**

Logs are debarked and cut into dimensional lumber in the sawmill. As a result of these processes, wood scraps and sawdust are produced. The wood scraps are chipped in a chipper. The fine size material is screened and added to sawdust that is pneumatically conveyed to the sawdust bin target box located on the outdoor sawdust bin. Chips are pneumatically transferred to a sawmill chip bin target box on the outdoor sawmill chip bin.

5.2 Emissions Control Description

The sawmill building enclosure controls emissions generated from the sawing of logs and the chipping of wood scraps. Particulate matter emissions from the sawmill chip bin target box and sawdust bin target box are uncontrolled.

TABLE 5.1 SAWMILL MILL DESCRIPTION

Emissions Unit(s) / Process(es)	Emissions Control Device	Emissions Point
Sawmill chip bin target box	None	Sawmill chip bin target box vent
Sawdust bin target box	None	Sawdust bin target box vent

Emissions Limits

- 5.3 PM₁₀ emissions from the sawmill chip bin target box vent and sawdust bin target box vent shall not exceed any corresponding emissions rate limits listed in Table 5.2

TABLE 5.2 SAWMILL EMISSIONS LIMITS

Source Description	PM₁₀
	T/yr
Sawmill chip bin target box vent	6.27
Sawdust bin target box vent	2.65

- 5.4 The permittee shall comply with the visible emission requirements of Permit Condition 2.7.

Operating Requirements**5.5 Throughput Limit**

The combined by-product throughput from the sawmill chip bin and the sawdust bin shall not exceed 356,906 BDT per any consecutive 12-month period.

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Monitoring and Recordkeeping Requirements**5.6 Throughput Monitoring**

The permittee shall monitor and record the by-product throughput to the sawmill chip bin and the sawdust bin monthly and annually to demonstrate compliance with Permit Condition 5.5. Annual throughput shall be determined by summing monthly throughput over the previous consecutive 12-month period. This information shall be maintained in accordance with Permit Condition 2.12.

5.7 Visible Emissions Monitoring

The permittee shall monitor and record visible emissions in accordance with Permit Condition 2.8

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6. HOG FUEL CYCLONE**6.1 Process Description**

The hog fuel cyclone is a high pressure cyclone that transfers hog fuel from the hog to storage or to the hog fuel boiler. The hog fuel cyclone includes a filter bag section that controls PM₁₀ emissions.

6.2 Hog Fuel Cyclone Minimum Design Requirements

The hog fuel cyclone shall meet the following specifications for the control of PM₁₀ emissions:

- Exhaust stream flowrate through the cyclone (acfm): 6,000
- Cyclone filter bag section total cloth area (ft²): 943
- Filter bag minimum control efficiency for PM₁₀ (%): 99.9

Emissions Limits

6.3 PM₁₀ emissions from the hog fuel cyclone shall not exceed 1.49 tons per any consecutive 12-month period.

6.4 The permittee shall comply with the visible emission requirements of Permit Condition 2.7.

Operating Requirements**6.5 Pressure Drop Monitoring Device**

- The permittee shall install, calibrate, maintain, and operate a pressure drop monitoring device to continuously measure the pressure differential across the hog fuel cyclone.
- The pressure drop across the hog fuel cyclone shall remain within manufacturer specifications and recommendations. This pressure drop range shall be made available to DEQ representatives upon request.

Monitoring and Recordkeeping Requirements**6.6 Pressure Drop Monitoring**

The permittee shall monitor and record the pressure drop across the hog fuel cyclone once per week while the hog fuel cyclone is operating. This information shall be maintained in accordance with Permit Condition 2.12.

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7. SUMMARY OF EMISSION LIMITS

TABLE 7.1 EMISSIONS SUMMARY – RILEY CREEK CHILCO SAWMILL

Source Description	PM ₁₀		VOC	CO	Formaldehyde
	lb/hr	T/yr	T/yr	T/yr	T/yr
Boiler/EFB stack	6.93	30.4		246.08	2.41
EFB baghouse vent	0.23	1.0			
Dry kilns vents		17.88	175.5		0.65
Sawmill chip bin target box vent		6.27			
Sawdust bin target box vent		2.65			
Hog fuel cyclone		1.49			

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Location:	Athol, Idaho			

8. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the *Rules for the Control of Air Pollution in Idaho*. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.
2. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
 - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack compliance testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
5. The permittee shall notify DEQ, in writing, of the required information for the following events within five working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. The Director may require the permittee to develop a list of operation and maintenance procedures to be submitted to DEQ. Such list of procedures shall become a part of this permit by reference, and the permittee shall adhere to all of the operation and maintenance procedures contained therein.
7. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050116

Permittee:	Chilco Lake Lumber Co., LLC dba Riley Creek – Chilco Sawmill	Facility ID No. 055-00024	Date Issued:	September 1, 2005
Location:	Athol, Idaho			

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

8. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
9. In accordance with IDAPA 58.01.01.123, all documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.